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NPS-CHDS university and agency partnership initiative

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Center for Homeland Defense and Security

The Nation's Homeland Security Educator

U.S. Department of Homeland Security ✧ Naval Postgraduate School



NPS.....CHDS

UNIVERSITY AND AGENCY PARTNERSHIP INITIATIVE



Homeland
Security

Dr. Stan Supinski
Director, UAPI



The NPS Mission

Provide relevant and unique advanced education and research programs in order to increase the combat effectiveness of US and Allied armed forces and enhance the security of the United States

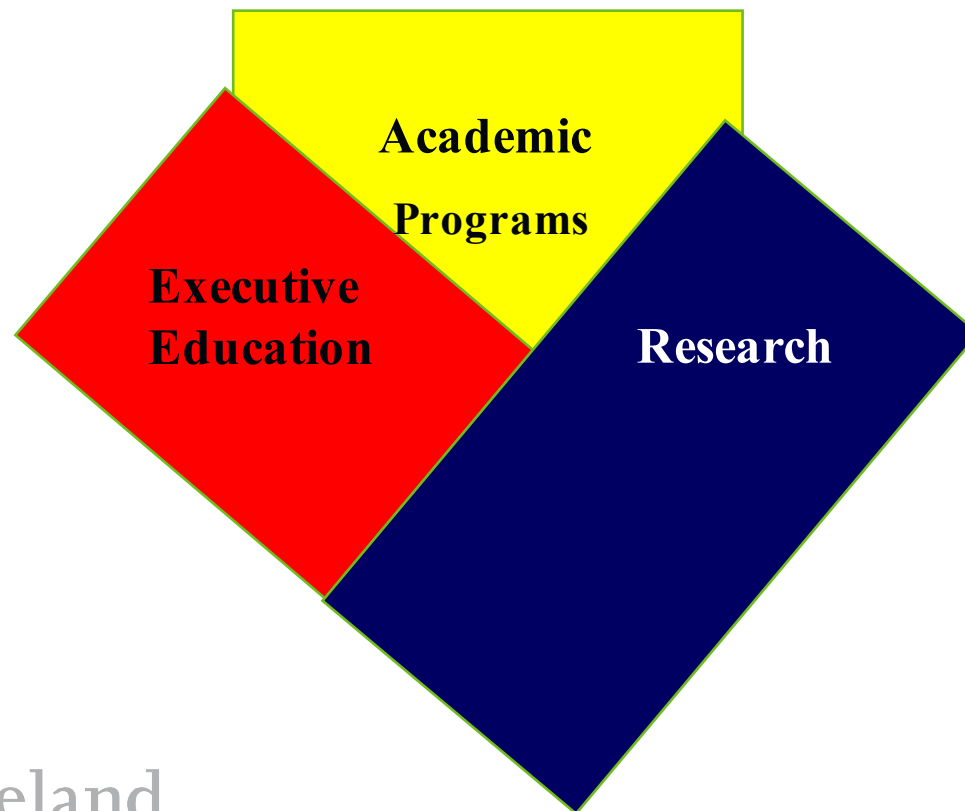




NPS Mission

**Graduate degree programs
that support modern war-
fighting**

**Fleet relevant
through
extensive
executive and
continuing
education
programs**



- **\$47M reimbursable funded research program as an integral part of graduate education**
- **Co-located with other educational and research establishments in an education- rich environment**





NPS Academic Accreditation

● NPS consistently receives excellent ratings, and the maximum length of certification, from both regional and professional accrediting bodies

- Western Association of Schools and Colleges (WASC)
- Accreditation Board for Engineering and Technology (ABET)
 - **Aeronautical, Astronautical, Mechanical, Electrical, Software Engineering**
 - **National Assoc of Schools of Public Affairs and Administration (NASPAA)**
- International Association for Management Education (AACSB)





Graduate Education at NPS: How We Operate

- Primarily Master's level programs
 - Clear focus on military systems and applications
- Year round operations
- Programs sponsored by Navy or other Defense organizations
 - Reviewed every two years based on
 - Educational Skill Requirements (ESRs)





Graduate Education At NPS: Uniquely Military

● Specialized Technical Programs In:

- Undersea Warfare
- Information Warfare
- Information Systems Technology
- Total Ship Systems Engineering
- Combat Systems

● Specialized Security Programs In:

- Civil-Military Relations
- Security Building In Post-Conflict Environments
- Homeland Security
- Defense Decision Making and Planning





NPS Programs

- ***Graduate School Of Engineering & Applied Science Resident Programs/Meyers Inst (48)***
(7 Curricula w/Tracks / 456 Students)*
 - ***Engineering, Combat Systems, Meteorology, Space Systems***
- ***Graduate School Of Business & Public Policy Resident Programs***
(5 Curricula w/Tracks / 340 Students)*
 - ***Logistics, Acquisition, Resource Management, Manpower***
- ***Graduate School Of Operations & Information Sciences Resident Programs***
(15 Curricula / 603 Students)*
 - ***Computer Science, Modeling and Simulation, Undersea Warfare***
- ***School of International Graduate Studies Purpose and Structure***
 - ***National Security Affairs, Civ-Mil Relations; International Studies; CHDS***





Center for Homeland Defense and Security - Mission

To strengthen the national security of the United States by providing graduate level educational programs that meet the immediate and long-term leadership needs of organizations responsible for Homeland Defense and Security





CHDS Programs

● Masters Degree

- Primarily State and Local Students
- On “Scholarship” from DHS (Grants and Training)
- 60 students (4 cohorts of 15) Each Year (from applicant pool of 1400)
- Hybrid Program (in residence followed by DL)
- 30 Faculty/50 Staff

● Homeland Security Digital Library

- Nation's premier collection of HLS material
- Content gathering and summation teams





CHDS Programs (cont.)

● Mobile Education Teams

- Provide seminars to strengthen US capability for HLS
- Primary focus on governors, mayors and senior HLS staffs
- 2000+ elected and senior leaders have attended

● Homeland Security Affairs Journal (www.hsaj.org)

- Open Access electronic journal
- Focus on policy, strategy, and best practices

● Executive Education – In-Residence

- Beginning Aug. 2006
- 4 one week in residence sessions over 12 months
- Fills gap between MET and Masters program

● University and Agency Partnership



Homeland
Security



UAPI - Goals

- Support the nationwide development of Homeland Security education programs
- Leverage DHS investment in CHDS programs- create a “multiplier effect”
 - Vastly increase the number of students receiving HS education
- Develop a cadre of scholars and senior policy-makers dedicated to the establishment of HS as an academic discipline
- Identify and address critical research needs throughout the Homeland Security and Homeland Defense Communities





Partnership Features

- Provide CHDS developed content
 - Syllabi (course structure, logic, goals, objectives)
 - Reading lists, plus audio files of readings where available
 - “Articulate” lecture modules: fully-developed lectures with video, graphics, voice-over, and notes
 - Additional resources and materials: links, files, wikis
 - Quizzes, paper topics, scenarios and exercises
 - Discussion forums
- Make available a medium for content sharing from all partners
- Online Community of Practice
 - Discussion Forum for Critical Issues
 - Discussion of Academic Practices and Methods
 - Discussion of Curriculum Modifications and Improvement





Partnership Features (Cont.)

- Resource Sharing
 - Homeland Security Digital Library - full access to faculty and students
- Moodle (Open Source Learning Management System) – implementation support
- Access to online, virtual city (“Blackport”) for scenarios and exercises, populated with all critical infrastructure nodes, topographical, demographic and political details
- Partnership conferences – semiannual collaborations with colleagues facilitated by CHDS
 - “Teach the Teacher” knowledge transfer and workshops
- Additional Support
 - Program and target community needs assessment
 - Technical advice





Partners

- University of Connecticut
- Long Island University
- University of Washington
- University of New Hampshire
- University of Mississippi
- Duke University
- Chaminade
- Virginia Tech
- University of Colorado, Colorado Springs
- University of Maryland
- NYU
- Eastern Carolina
- US Coast Guard Academy
- Homeland Security/Defense Education Consortium
- Penn State
- Western Carolina
- LSU
- Eastern Kentucky University
- University of New Hampshire
- FBI Academy
- Ohio State University
- University of Maine





The Partnership

- Universities share their curriculum and specialized expertise with Partnership members through a secure website
- DHS/Office of Grants and Training
 - Provides overall guidance
- Partner faculty enroll in topic specific discussion boards
- UConn is NPS' "Proof of Concept" Lead Partner
 - MA curriculum launched September 2005
 - Provides template for Partnership support to other first-rate Universities nationwide





Curriculum

● Semester 1

- Intro to HLS; Asymmetric Conflict

● Semester 2

- Technology in HLS; Intelligence (Organization and Policy Challenges)

● Semester 3

- Critical Infrastructure Protection; Special Topics (i.e. Border security, public health)

● Semester 4

- Law Enforcement and HLS (Multidisciplinary); Comparative Government for HLS

● Semester 5

- Planning and Budgeting for HLS; Psychology of Fear Management and Terrorism

● Semester 6

- Knowledge into practice (Capstone); Thesis Research





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Basis from the Homeland Security/Defense Education Consortium

Legal/Ethical
Considerations



Asymmetric
Thinking



Civil Liberties/
Privacy Balance



Interagency
Communications/
Cooperation



Current and Emerging Threats

Context and Organizations

Policies, Strategies, and Legal Issues

Processes and Management

Practical
Application

Practicum

*Critical
Thinking*

Other Areas

Leadership
M&S
Culture
Statistics
Mental Health



Homeland
Security

www.chds.us



UAPI - Conclusions

- A cost-effective way to education thousands of students across the nation
 - Reduces expense and complexity of program development
 - Prevents “reinventing the wheel”
- Leverages taxpayer’s investment in curriculum development and educational resources at NPS
- Provides for education of students from all sectors – local, state and government agencies, military and industry
- Supports all levels of educational programs – community colleges, undergraduate and graduate studies
- Promotes collaboration; advances knowledge through synergy





Post Katrina Training and Education

“You train for the known; you educate for the unknown”

ADM Arthur Cebrowski, Former Director, DoD Training Transformation

- Lack of education recognized in White House Katrina report
- Training, typically for response and recovery, sufficient
- Education, understanding responsibilities vertically, clearly not sufficient
 - Few understand big picture and their part in it; interagency operations and responsibilities
 - New policies and procedures – NSS, NRP, NIMS
 - Legal issues; unified command vs. unity of command
- Move toward all hazards approaches
- Forthcoming Action/Recommendations
 - Professional Development Programs – Homeland Security Academy
 - NPS Executive Education





Questions?

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